

# Notice of Allowability

Application No.

09/895,450

Examiner

George C. Neurauter, Jr.

Applicant(s)

SHELL ET AL.

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## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Response filed 14 March 2006.
2. ☒ The allowed claim(s) is/are 1-7,20,21,23-25 and 27-36.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

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**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ryan Grace, Reg. No. 52,956, on 2 June 2006.

The application has been amended as follows.

A complete listing of the claims wherein the listing is in accordance with the guidelines of 37 CFR 1.121 regarding the changes made to the previous version of the claims is as follows:

1. A mobile device including a computer-readable storage medium having computer-executable components, comprising:

a router component configured to receive a query document including a query statement related to application configuration settings, the router component being further configured to route at least a portion of the query document;

a plurality of configuration service provider components configured to access the application configuration settings; and  
a configuration manager component configured to:

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receive the at least a portion of the query document;  
identify at least one configuration service provider component of the plurality of configuration service provider components that is configured to access application configuration settings implicated by the at least a portion of the query document;

route the query statement to the at least one configuration service provider component for access to the application configuration settings implicated by the at least a portion of the query document.

2. The computer-readable storage medium of claim 1, wherein the router component is configured to receive query documents from a plurality of push sources, each push source being configured to interact with an external initiator of the query document.

3. The computer-readable storage medium of claim 2, wherein the initiator includes a provisioning server in wireless communication with the mobile device.

4. The computer-readable storage medium of claim 2, wherein the initiator includes a provisioning server in wired communication with the mobile device.

5. The computer-readable storage medium of claim 1, wherein the plurality of configuration service provider components are

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further configured to retrieve a current value of the setting  
~~from the computer-readable medium.~~

6. The computer-readable storage medium of claim 5, wherein the configuration manager is further configured to modify the query document based on the retrieved value of the setting.

7. The computer-readable storage medium of claim 6, wherein the query statement within the modified query document is modified to include the retrieved value of the setting.

20. A mobile device including a computer-readable storage medium having computer-executable instructions for performing steps, including:

receiving a configuration message including a payload  
identifying a particular setting stored on the mobile device;

parsing the configuration message to identify the  
particular setting stored on the mobile device;

determining at least one configuration component of a  
plurality of configuration components responsible for  
maintaining a particular setting;

passing the payload to he at least one configuration  
component responsible for maintaining the particular setting;  
and

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retrieving, by the at least one configuration component, a value associated with the particular setting stored on the mobile device.

21. The mobile device of claim 20, wherein the computer-readable storage medium comprises further instructions for returning a response document to an initiator of the configuration message, the response document including the value for the particular setting.

23. The mobile device of claim 20, wherein the plurality of configuration components are associated with a configuration manager programmed to manage a provisioning transaction.

24. The mobile device of claim 20, wherein the plurality of configuration components each comprise a configuration service provider responsible for maintaining the particular setting.

25. A computer-implemented method for querying a setting on a mobile device, comprising:

receiving a configuration message from an initiator, the configuration message including a payload identifying a particular setting stored on the mobile device;

determining at least one configuration component of a plurality of configuration components responsible for maintaining the particular setting;

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passing at least the payload to the at least one configuration component responsible for maintaining the particular setting;

retrieving, by the at least one configuration component, a value associated with the particular setting stored on the mobile device; and

returning a response document to the initiator of the configuration message, the response document including the retrieved value for the particular setting.

27. The method of claim 25, wherein the plurality of configuration components are associated with a configuration manager programmed to manage a provisioning transaction.

28. The method of claim 25, wherein the plurality of configuration components each comprise a configuration service provider responsible for maintaining the particular setting.

29. A system for maintaining settings on a mobile device, the system comprising:

a router component configured to receive a query document including a query statement related to application configuration settings stored on the mobile device, the router component being further configured to route at least a portion of the query document; and

a configuration manager component configured to:

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receive the at least a portion of the query document;  
identify at least one configuration service provider  
component of a plurality of configuration service provider  
components that is configured to access application  
configuration settings implicated by the at least a portion of  
the query document; and

route the query statement to the at least one configuration  
service provider component for access to the application  
configuration settings implicated by the at least a portion of  
the query document.

30. The system of claim 29, further comprising a plurality  
of configuration service provider components associated with the  
application configuration settings and configured to access the  
application configuration settings, and wherein the  
configuration manager is further configured to identify the at  
least one configuration service provider based on information  
within the query document, and to pass the at least a portion of  
the query document to the at least one configuration service  
provider for processing.

31. The system of claim 30, wherein the at least one  
configuration service provider is further configured to retrieve  
a current value of the application configuration setting from  
the mobile device.

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32. The system of claim 31, wherein the configuration manager is further configured to modify the query document based on the retrieved value of the application configuration setting.

33. The system of claim 32, wherein the query statement within the modified query document is modified to include the retrieved value of the application configuration setting.

34. The system of claim 29, wherein the router component is configured to receive query documents from a plurality of push sources, each push source being configured to interact with an external initiator of the query document.

35. The system of claim 34, wherein the external initiator includes a provisioning server in wireless communication with the mobile device.

36. The system of claim 34, wherein the external initiator includes a provisioning server in wired communication with the mobile device.

### ***Drawings***

The following changes to the drawings have been approved by the examiner and agreed upon by applicant: Figure 7, step 715 will be corrected to read "Return Modified Query Document To Response Address". In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.



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***Allowable Subject Matter***

The following is an examiner's statement of reasons for allowance: Claims 1-7, 20-21, 23-25, and 27-36 are allowable in view of the Applicant's arguments and the cited prior art. Claims 1-7, 20-21, 23-25, and 27-36 recite routing a query document containing a query statement related to configuration settings to a specific configuration component only for the purposes of accessing the configuration settings referred to within the query document, which, in addition to the rest of the claim limitations, are distinguished from the cited prior art.

***Conclusion***

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George C. Neurauter, Jr. whose telephone number is (571) 272-3918. The examiner can normally be reached on Monday through Friday from 9AM to 5:30PM Eastern.

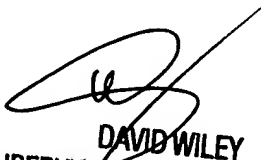
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be

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reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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